DOCUMENT RESUME

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ABSTRACT

In 1998, the College of the Canyon's (California) Office of Institutional Development distributed a questionnaire to ascertain the technology training needs of campus personnel. The survey instrument included 49 forced-choice and 2 open-ended questions. Seventy-five staff members and 124 faculty returned the questionnaires. The responses are presented by full-time and part-time employment status. Of the respondents affiliated with an academic discipline, the largest number of them are in Mathematics (18%), followed by 8% in English and Nursing. Faculty and staff are most interested in receiving training in the following technology-related areas (percent marking "very interested"): how to design and integrate multi-media presentations (59%); how to use technology to increase students' retention of information (58%); how to design computer-aided instruction and/or activities for my classes (55%); how technology can be used to facilitate small group activities and teamwork among students (55%); and how to use peripherals, such as CD-ROMs, scanners, LCD panels, and video disks (54%). Approximately two-thirds of the respondents wanted the training to be hands-on, requiring the development of a relevant product, or to consist of one-on-one training with a mentor. Overall, 58% of the respondents strongly agreed that instructional technology would enhance their teaching effectiveness. Contains a copy of the survey instrument and 51 tables. (CAK)

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ED 460 704

COLLEGE OF THE CANYONS

Office of Institutional Development

Technology Training Needs Assessment For Instruction and Administration

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Introduction

Working with Kathy Alfano, Dean of Professional Programs and Academic Computing, Lea Templer, Coordinator of Staff Development, and Mike McMahan, Coordinator of Faculty Development, the Office of Institutional Development constructed a questionnaire to ascertain the technology training needs of campus personnel. Two anonymous instruments were distributed during the week of March 9, 1998. The first went to all full-time and part-time faculty; and the second went to all administrators, classified managers and supervisors, confidential classified staff members, classified staff members, and adult hourly staff members.

As of March 27, 124 faculty questionnaires were returned out of 351 distributed, resulting in a response rate of 35.3 percent. Of the 220 staff questionnaires distributed, 75 were returned, resulting in a response rate of 34.1 percent.

College of the Canyons

Instructional Technology Needs Assessment for Faculty

Dear Faculty Member:

The following questions are designed to elicit information about the types of training you feel would be most beneficial to you in the area of instructional technology. Your input will provide the information we need to design a responsive faculty development program. We ask that you take about ten minutes to respond to this questionnaire. Please drop your completed survey in Nancy Mattice's mailbox by **Thursday, March 12th**.

Thank you for your participation.

Michael McMahan
Faculty Development

Lea Templer
Coordinator of Staff Development

---

1. Current status:
   ___ Full-time
   ___ Part-time

2. I am teaching one or more courses at College of the Canyons this semester.
   ___ Yes
   ___ No

Circle one response to the right of each of the following statements indicating your level of interest in attending the type of training.
(VI=Very Interested; SI=Somewhat Interested; NI=Not Interested)

3.	How to search for information on the Internet/ World Wide Web	VI	SI	NI
4.	How to send and receive e-mail	VI	SI	NI
5.	How to electronically send and receive files by way of computer (over a modem, the Internet/ WWW etc.)	VI	SI	NI
6.	How to do group addressing for e-mail and WWW discussions	VI	SI	NI
7.	How to use PowerPoint or other presentation software programs	VI	SI	NI
8.	How to use web-authoring software such as FrontPage 98.	VI	SI	NI
9.	How to use word processing programs such as MS Word	VI	SI	NI

10.	How to set up and maintain data bases using software such as MS Access	VI	SI	NI
11.	How to use a desktop publishing software program such as Pagemaker	VI	SI	NI
12.	How to use spreadsheets such as MS Excel	VI	SI	NI
13.	How to use peripherals, such as CD-ROMs, scanners, LCD panels, and video disks	VI	SI	NI

Circle one response to the right of each of the following statements indicating your level of interest in attending the type of instructional technology training.
(VI=Very Interested; SI=Somewhat Interested; NI=Not Interested)

14.	How to use email as an effective teaching tool.	VI	SI	NI
15.	How to design and integrate multi-media presentations, such as PowerPoint, CD-ROM clips and video into my classroom instruction.	VI	SI	NI
16.	How to incorporate commercially available multimedia products into my classroom instruction.	VI	SI	NI
17.	How to design computer-aided instruction and/or activities for my classes.	VI	SI	NI
18.	How technology can be used to facilitate small group activities and teamwork among my students.	VI	SI	NI
19.	How to set up and use on-line chat room sessions and web-based message boards.	VI	SI	NI
20.	How technology can be used to increase the scope and depth of student research.	VI	SI	NI
21.	How to integrate computer simulations specific to my discipline into classroom instruction.	VI	SI	NI
22.	How to use technology to integrate higher level thinking skills into instructional practices.	VI	SI	NI
23.	How to use technology to address different learning styles.		VI SI	NI
24.	How to use technology to increase students' retention of information.	VI	SI	NI
25.	How to use technology to individualize instruction based on student interests.	VI	SI	NI
26.	How to effectively use on-line assessment for quizzes and tests.	VI	SI	NI
27.	How to convert a portion of a course I currently teach so that it has an on-line component.	VI	SI	NI

Circle one response to the right of each of the following training times.
(HP=Highly Preferred; A=Acceptable; U=Unacceptable)

28.	Noon hour sessions	HP	A	U	
29.	Half day sessions	HP	A	U	
30.	Day long sessions	HP	A	U	
31.	Saturday sessions	HP	A	U	
32.	Evening sessions	HP	A	U	
33.	Intensive week-long summer institute		HP	A	U
34.	Sessions scheduled over several weeks	HP	A	U	
35.	Flex days used for training	HP	A	U	

Circle one response to the right of each of the following training options.
(HP=Highly Preferred; A=Acceptable; U=Unacceptable)

36.	Hands-on training that requires development of a relevant product, such as a Web site, an instructional unit incorporating technology, etc.	HP	A	U
37.	Demonstration of effective uses of instructional technology.	HP	A	U
38.	One-on-one training by a mentor.	HP	A	U
39.	Consultation with a content expert who has incorporated technology into his or her instruction.	HP	A	U
40.	Training by community college faculty who effectively use technology in my discipline.	HP	A	U
	My discipline is: _____			
41.	Training by an experienced trainer with depth of knowledge in instructional technology.	HP	A	U
42.	Training via a web-based on-line course	HP	A	U
43.	Training via video conferencing	HP	A	U
44.	Self-paced learning tools (such as videotapes) that faculty may use to teach themselves.	HP	A	U

Circle one response to the right of each of the following statements.
(SA=Strongly Agree; A=Agree; D=Disagree; SD=Strongly Disagree)

45.	My position challenges me and requires the use of many of my skills and abilities.	SA	A	D	SD
46.	College of the Canyons offers me encouragement and assistance to develop my skills and abilities.	SA	A	D	SD
47.	There are opportunities for career advancement for me at the college.	SA	A	D	SD
48.	Overall, I am satisfied with my employment experience at the college.	SA	A	D	SD
49.	I believe that instructional technology will enhance my teaching effectiveness.	SA	A	D	SD

50. Other than what I have already indicated, I would attend the following instructional technology training if it were available:

_____
_____
_____
_____

51. I would like to tell the people who are planning the faculty instructional technology training program the following:

_____
_____
_____
_____

Thank you for your assistance.

Please return to Nancy Mattice's mailbox
by Thursday, March 12th.

NEEDEACT.WPS

Instructional Technology Needs Assessment for Faculty

March 1998

Open-ended Responses

Question 50. Other than what I have already indicated, I would attend the following instructional technology training if it were available:

ID and Response

25 Advanced computer graphics and some multi-media.

60 Conferences on music and computers. Media/music and the Internet.

4 Digital camera and down loading to computer.

45 Friday afternoons.

101 Friday half or all day sessions.

47 Fridays, anytime.

106 Graphics, audio, automation

81 How to create entire Web-based courses.

27 How to edit video tapes for class use.

6 I am expert in many Mac programs. PC specific stuff may be useful.

123 I don't need a class, I need individual help to do things I'm not sure of - someone to spend 30 minutes with me periodically to help me over the rough spots.

69 I would attend Sunday sessions, too.

55 If it did not add to an already heavy workload. I'd have to eliminate something to add this to my work week.

89 Instruction on using chat rooms and Web sites. It would be great to have students post their papers on a site, and I could click each link to take me to their sources.

18 Making CD-ROMS. PhotoShop.

72 Many of these questions ask about training on subjects.

117 Night time, weekend, or video tape -- lots offered by work full time-days.

96 Professional Instruction for Director, After Affects.

93 Sessions on PhotoShop, Director, Premier and Aftereffects.

76 Summer half days -- spread out a bit, so we can practice in between.

80 Technical training for CAD (the software changes with each release). I'd love to get technical training for advanced topics also.

109 Techniques for developing classes in distance learning.

71 Training in Access, PageMaker or Quark Express.

39 Use of Macromedia Director and writing 3-D interactive scripts for interactive courseware.

Question 51. I would like to tell the people who are planning the faculty instructional technology training program the following:

ID and Response

39 Adjunct faculty do not receive info re: FLEX activities. Adjunct should get credit and/or stipends for these activities.

31 Adjunct faculty have trouble accessing college resources from home. On-line courses seem to be the wave of the future -- we need to set up a model for instructors to use.

6 As an instructor in technology disciplines, I'm interested in others being brought up to speed.

11 Concepts are not enough. Allow enough time for hands-on practice in training.

117 Consider the subject vs. classroom

124 Differing learning styles need to be taken into consideration. Having a depth of knowledge does not necessarily insure successful teaching ability.

80 Group training around existing skill levels. Don't waste my time on basic computer operations.

47 Have small classes for individual disciplines.

5 I'm looking for advanced hands-on in Word, Excel & PowerPoint. I've switched from the Corel Word Perfect package.

7 I've just starting using the Net and e-mail, and have been excited with it so far.

71 I am available to teach Word, Excel and PowerPoint on Saturdays and some evenings during the summer --Cynthia Martinez.

64 I am technologically phobic.

113 I appreciate the many hours and hard work you put in to help us, the instructors, become better instructors and advance in our teaching skills. Thank you.

20 I enjoyed previous training sessions, but I forget. Please set up review sessions.

110 I work M - F 0700 -0400 hrs. I can occasionally adjust, so I do have some flexibility.

101 Individual attention! No "computer speak." Yes, some of us do use Macs.

109 It is an excellent commitment of money and staff and make COC stand out as a leading, dynamic college. It will allow the school to grow beyond classrooms and I want to be part of this expansion.

38 It is important to remember that we have different levels of understanding, and to structure the courses with that in mind.

55 Keep it at a sensible pace. Eliminate something else when you expect this kind of training. It is not natural or easy for many of us.

59 Make sure that you select good teachers!

27 Many of us would like to have someone with the expertise in technology and education to call to ask questions -- a consultant for "computer handicapped" instructors.

45 My classroom has no computer. How do I get the equipment that goes with the training?

25 Need to set standards for Internet usage. It also would be great to have a scanner available

in the tech lab or library.

19 One-on-one works best, or programmed instruction that users could take home and work on.

69 Plan available training at hours when part-time faculty can participate (perhaps alternative times, rather than just one).

60 Please think of a way to assist us economically to be able to attend lectures, conferences, summer sessions, to improve our technological skills.

4 Thank you!

103 Thanks

112 Thanks for all your work!

106 Thanks for making this effort

61 The problem is lack of resources in the classroom. What's the use of learning PowerPoint (which I do), if I don't have a classroom with a computer and monitor in it?

81 Use a variety of faculty to deliver training. Discipline-specific technology can be very effective!

Instructional Technology Needs Assessment for Faculty

March 1998

Note: Responses were coded in a way such that VI = 1, SI = 2, and NI = 3. Likewise, HP = 1, A = 2, and U = 3. Also, SA = 1, A = 2, D = 3, and SD = 4. Minimum/Maximum represent the range received. See contingency tables for details.

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
V01 Current status	123	1	2	1.60	.49
JOBCODE Current Employment Status	123	1	2	1.60	.49
V02 Teaching this semester at COC	121	1	2	1.03	.18
V03 Search the Internet/WWW	123	1	3	1.94	.84
V04 Use e-mail	122	1	3	2.27	.80
V05 Electronically send/receive files	122	1	3	1.81	.81
V06 Group addressing for e-mail/discussions	121	1	3	1.99	.82
V07 Use presentation software (i.e., PowerPoint)	124	1	3	1.77	.83
V08 Use MS Schedule+	121	1	3	1.79	.78
V09 Use word processors (i.e., MS Word)	124	1	3	2.15	.83
V10 Use database programs (i.e., MS Access)	124	1	3	2.06	.80
V11 Use publishing software (i.e., PageMaker)	122	1	3	1.84	.79
V12 Use spreadsheets (i.e., MS Excel)	124	1	3	2.04	.83
V13 Use peripherals, (i.e., CD-ROMs, scanners, LCDs)	123	1	3	1.72	.84
V14 Use email as an effective teaching tool	120	1	3	1.79	.74
V15 Design and use multi-media presentations (i.e., PowerPoint)	123	1	3	1.54	.72
V16 Use multi-media in classroom instruction	123	1	3	1.69	.78
V17 Design computer-aided instruction/activities	122	1	3	1.59	.74
V18 Use tech for small grp activities/teamwork	122	1	3	1.56	.69

V19 Use on-line chat rooms/message boards	122	1	3	2.11	.77
V20 Use tech to increase student research	121	1	3	1.68	.67
V21 Computer simulations in class instruction	121	1	3	1.67	.78
V22 Use tech for higher level thinking skills	123	1	3	1.60	.71
V23 Use tech for different learning styles	120	1	3	1.58	.67
V24 Use tech to increase info retention	121	1	3	1.52	.68
V25 Use tech for individual student interests	121	1	3	1.65	.70
V26 Use on-line quizzes and tests	122	1	3	1.77	.75
V27 Convert part of current course to on-line	122	1	3	1.86	.77
V28 Noon hour sessions	112	1	3	2.38	.77
V29 Half day sessions	111	1	3	2.04	.76
V30 Day-long sessions	108	1	3	2.52	.66
V31 Saturday sessions	114	1	3	2.18	.79
V32 Evening sessions	109	1	3	2.28	.76
V33 Intensive week-long summer institute	112	1	3	2.13	.78
V34 Sessions scheduled for several weeks	113	1	3	1.91	.65
V35 Flex days used for training	113	1	3	1.62	.71
V36 Hands-on to dev instrct product/web site	118	1	3	1.38	.57
V37 Demo of effective uses of instrct technology	116	1	3	1.55	.56
V38 One-on-one training by a mentor	118	1	3	1.38	.51
V39 Consult w/ experts re their instrct tech	113	1	3	1.56	.60
V40 Training by CC fac in my discipline	109	1	3	1.50	.60
V40A2 Respondent's academic discipline	91	1	50	18.82	14.26
V40A3 Program area	87	4	23	13.31	5.80
V41 Experienced trainer w/ in-depth knowledge	113	1	3	1.41	.56
V42 Training via web-based on-line courses	116	1	3	2.11	.75
V43 Training via video-conferencing	111	1	3	2.38	.69
V44 Self-paced (videotapes) to teach self	117	1	3	1.92	.71
V45 My position challenges me to use my skills and abilities	115	1	3	1.37	.50

V46 COC gives encouragement/assistance to dev my skills/abilities	116	1	4	1.71	.66
V47 COC has opportunities for advancement for me	112	1	4	2.21	.83
V48 Overall, I am satisfied w/ my employment experience at COC	115	1	4	1.53	.58
V49 Technlogy will enhance my effectiveness	114	1	3	1.46	.58
Valid N (listwise)	55				

Instructional Technology Needs Assessment for Faculty

March 1998

Contingency Tables

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time			
		Count	Col %	Count	Col %	Count	Col %
V01 Current status	Full-time	49	100.0%	0	.0%	49	39.8%
	Part-time	0	.0%	74	100.0%	74	60.2%
$T Group Total		49	100.0%	74	100.0%	123	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time			
		Count	Col %	Count	Col %	Count	Col %
V02 Teaching this semester at COC	Yes	43	91.5%	74	100.0%	117	96.7%
	No	4	8.5%	0	.0%	4	3.3%
$T Group Total		47	100.0%	74	100.0%	121	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V03 Search the Internet/WWW	Very interested	23	46.9%	24	32.9%	47	38.5%
	Somewhat Interested	16	32.7%	20	27.4%	36	29.5%
	Not Interested	10	20.4%	29	39.7%	39	32.0%
$T Group Total		49	100.0%	73	100.0%	122	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V04 Use e-mail	Very interested	13	26.5%	14	19.4%	27	22.3%
	Somewhat Interested	16	32.7%	19	26.4%	35	28.9%
	Not Interested	20	40.8%	39	54.2%	59	48.8%
$T Group Total		49	100.0%	72	100.0%	121	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V05 Electronically send/receive files	Very interested	24	49.0%	29	40.3%	53	43.8%
	Somewhat Interested	17	34.7%	22	30.6%	39	32.2%
	Not Interested	8	16.3%	21	29.2%	29	24.0%
$T Group Total		49	100.0%	72	100.0%	121	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V06 Group addressing for e-mail/discussions	Very interested	25	51.0%	16	22.5%	41	34.2%
	Somewhat Interested	14	28.6%	26	36.6%	40	33.3%
	Not Interested	10	20.4%	29	40.8%	39	32.5%
$T Group Total		49	100.0%	71	100.0%	120	100.0%

Notes

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		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V08 Use MS Schedule+	Very interested	25	51.0%	26	36.6%	51	42.5%
	Somewhat Interested	15	30.6%	27	38.0%	42	35.0%
	Not Interested	9	18.4%	18	25.4%	27	22.5%
$T Group Total		49	100.0%	71	100.0%	120	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V09 Use word processors (i.e., MS Word)	Very interested	22	44.9%	12	16.2%	34	27.6%
	Somewhat Interested	15	30.6%	22	29.7%	37	30.1%
	Not Interested	12	24.5%	40	54.1%	52	42.3%
$T Group Total		49	100.0%	74	100.0%	123	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V10 Use database programs (i.e., MS Access)	Very interested	21	42.9%	14	18.9%	35	28.5%
	Somewhat Interested	12	24.5%	32	43.2%	44	35.8%
	Not Interested	16	32.7%	28	37.8%	44	35.8%
$T Group Total		49	100.0%	74	100.0%	123	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V11 Use publishing software (i.e., PageMaker)	Very interested	24	49.0%	24	33.3%	48	39.7%
	Somewhat Interested	14	28.6%	30	41.7%	44	36.4%
	Not Interested	11	22.4%	18	25.0%	29	24.0%
$T Group Total		49	100.0%	72	100.0%	121	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V12 Use spreadsheets (i.e., MS Excel)	Very interested	24	49.0%	16	21.6%	40	32.5%
	Somewhat Interested	10	20.4%	28	37.8%	38	30.9%
	Not Interested	15	30.6%	30	40.5%	45	36.6%
$T Group Total		49	100.0%	74	100.0%	123	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V13 Use peripherals, (i.e., CD-ROMs, scanners, LCDs)	Very interested	33	67.3%	33	45.2%	66	54.1%
	Somewhat Interested	8	16.3%	18	24.7%	26	21.3%
	Not Interested	8	16.3%	22	30.1%	30	24.6%
$T Group Total		49	100.0%	73	100.0%	122	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V14 Use email as an effective teaching tool	Very interested	22	45.8%	25	35.2%	47	39.5%
	Somewhat Interested	21	43.8%	28	39.4%	49	41.2%
	Not Interested	5	10.4%	18	25.4%	23	19.3%
$T Group Total		48	100.0%	71	100.0%	119	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V15 Design and use multi-media presentations (i.e., PowerPoint)	Very interested	36	73.5%	36	49.3%	72	59.0%
	Somewhat Interested	9	18.4%	25	34.2%	34	27.9%
	Not Interested	4	8.2%	12	16.4%	16	13.1%
$T Group Total		49	100.0%	73	100.0%	122	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V16 Use multi-media in classroom instruction	Very interested	28	57.1%	33	45.2%	61	50.0%
	Somewhat Interested	12	24.5%	25	34.2%	37	30.3%
	Not Interested	9	18.4%	15	20.5%	24	19.7%
$T Group Total		49	100.0%	73	100.0%	122	100.0%

		JOBCODE Current Employment Status				ST Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V17 Design computer-aided instruction/activities	Very interested	30	61.2%	37	51.4%	67	55.4%
	Somewhat Interested	14	28.6%	22	30.6%	36	29.8%
	Not Interested	5	10.2%	13	18.1%	18	14.9%
ST Group Total		49	100.0%	72	100.0%	121	100.0%

		JOBCODE Current Employment Status				ST Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V18 Use tech for small grp activities/teamwork	Very interested	27	55.1%	40	55.6%	67	55.4%
	Somewhat Interested	17	34.7%	23	31.9%	40	33.1%
	Not Interested	5	10.2%	9	12.5%	14	11.6%
ST Group Total		49	100.0%	72	100.0%	121	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V19 Use on-line chat rooms/message boards	Very interested	13	26.5%	16	22.2%	29	24.0%
	Somewhat Interested	21	42.9%	28	38.9%	49	40.5%
	Not Interested	15	30.6%	28	38.9%	43	35.5%
$T Group Total		49	100.0%	72	100.0%	121	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V20 Use tech to increase student research	Very interested	25	51.0%	27	38.0%	52	43.3%
	Somewhat Interested	21	42.9%	33	46.5%	54	45.0%
	Not Interested	3	6.1%	11	15.5%	14	11.7%
$T Group Total		49	100.0%	71	100.0%	120	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V21 Computer simulations in class instruction	Very interested	26	54.2%	36	50.0%	62	51.7%
	Somewhat Interested	14	29.2%	21	29.2%	35	29.2%
	Not Interested	8	16.7%	15	20.8%	23	19.2%
$T Group Total		48	100.0%	72	100.0%	120	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V22 Use tech for higher level thinking skills	Very interested	30	61.2%	34	46.6%	64	52.5%
	Somewhat Interested	14	28.6%	28	38.4%	42	34.4%
	Not Interested	5	10.2%	11	15.1%	16	13.1%
$T Group Total		49	100.0%	73	100.0%	122	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V23 Use tech for different learning styles	Very interested	27	55.1%	35	50.0%	62	52.1%
	Somewhat Interested	19	38.8%	26	37.1%	45	37.8%
	Not Interested	3	6.1%	9	12.9%	12	10.1%
$T Group Total		49	100.0%	70	100.0%	119	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V24 Use tech to increase info retention	Very interested	29	60.4%	41	56.9%	70	58.3%
	Somewhat Interested	17	35.4%	20	27.8%	37	30.8%
	Not Interested	2	4.2%	11	15.3%	13	10.8%
$T Group Total		48	100.0%	72	100.0%	120	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V25 Use tech for individual student interests	Very interested	25	51.0%	32	45.1%	57	47.5%
	Somewhat Interested	18	36.7%	29	40.8%	47	39.2%
	Not Interested	6	12.2%	10	14.1%	16	13.3%
$T Group Total		49	100.0%	71	100.0%	120	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V26 Use on-line quizzes and tests	Very interested	20	40.8%	30	41.7%	50	41.3%
	Somewhat Interested	22	44.9%	26	36.1%	48	39.7%
	Not Interested	7	14.3%	16	22.2%	23	19.0%
$T Group Total		49	100.0%	72	100.0%	121	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V27 Convert part of current course to on-line	Very interested	18	36.7%	27	37.5%	45	37.2%
	Somewhat Interested	18	36.7%	29	40.3%	47	38.8%
	Not Interested	13	26.5%	16	22.2%	29	24.0%
$T Group Total		49	100.0%	72	100.0%	121	100.0%

		JOBCODE Current Employment Status				ST Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V28 Noon hour sessions	Highly Preferred	9	20.0%	10	15.2%	19	17.1%
	Acceptable	16	35.6%	14	21.2%	30	27.0%
	Unacceptable	20	44.4%	42	63.6%	62	55.9%
ST Group Total		45	100.0%	66	100.0%	111	100.0%

		JOBCODE Current Employment Status				ST Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V29 Half day sessions	Highly Preferred	16	35.6%	13	20.0%	29	26.4%
	Acceptable	19	42.2%	28	43.1%	47	42.7%
	Unacceptable	10	22.2%	24	36.9%	34	30.9%
ST Group Total		45	100.0%	65	100.0%	110	100.0%

		JOBCODE Current Employment Status				ST Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V30 Day-long sessions	Highly Preferred	3	7.0%	7	10.9%	10	9.3%
	Acceptable	14	32.6%	17	26.6%	31	29.0%
	Unacceptable	26	60.5%	40	62.5%	66	61.7%
ST Group Total		43	100.0%	64	100.0%	107	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V31 Saturday sessions	Highly Preferred	1	2.3%	26	37.7%	27	23.9%
	Acceptable	14	31.8%	25	36.2%	39	34.5%
	Unacceptable	29	65.9%	18	26.1%	47	41.6%
$T Group Total		44	100.0%	69	100.0%	113	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V32 Evening sessions	Highly Preferred	1	2.3%	19	29.2%	20	18.5%
	Acceptable	15	34.9%	23	35.4%	38	35.2%
	Unacceptable	27	62.8%	23	35.4%	50	46.3%
$T Group Total		43	100.0%	65	100.0%	108	100.0%

		JOBCODE Current Employment Status				ST Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V33 Intensive week-long summer institute	Highly Preferred	14	31.1%	13	19.7%	27	24.3%
	Acceptable	20	44.4%	22	33.3%	42	37.8%
	Unacceptable	11	24.4%	31	47.0%	42	37.8%
$T Group Total		45	100.0%	66	100.0%	111	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V34 Sessions scheduled for several weeks	Highly Preferred	16	34.8%	13	19.7%	29	25.9%
	Acceptable	28	60.9%	36	54.5%	64	57.1%
	Unacceptable	2	4.3%	17	25.8%	19	17.0%
$T Group Total		46	100.0%	66	100.0%	112	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V35 Flex days used for training	Highly Preferred	40	81.6%	17	27.0%	57	50.9%
	Acceptable	9	18.4%	31	49.2%	40	35.7%
	Unacceptable	0	.0%	15	23.8%	15	13.4%
$T Group Total		49	100.0%	63	100.0%	112	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V36 Hands-on to dev instrct product/web site	Highly Preferred	31	64.6%	46	66.7%	77	65.8%
	Acceptable	14	29.2%	21	30.4%	35	29.9%
	Unacceptable	3	6.3%	2	2.9%	5	4.3%
$T Group Total		48	100.0%	69	100.0%	117	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V37 Demo of effective uses of instrct technology	Highly Preferred	21	43.8%	35	52.2%	56	48.7%
	Acceptable	26	54.2%	29	43.3%	55	47.8%
	Unacceptable	1	2.1%	3	4.5%	4	3.5%
$T Group Total		48	100.0%	67	100.0%	115	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V38 One-on-one training by a mentor	Highly Preferred	32	65.3%	41	60.3%	73	62.4%
	Acceptable	16	32.7%	27	39.7%	43	36.8%
	Unacceptable	1	2.0%	0	.0%	1	.9%
$T Group Total		49	100.0%	68	100.0%	117	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V39 Consult w/ experts re their instrct tech	Highly Preferred	23	50.0%	32	48.5%	55	49.1%
	Acceptable	19	41.3%	32	48.5%	51	45.5%
	Unacceptable	4	8.7%	2	3.0%	6	5.4%
$T Group Total		46	100.0%	66	100.0%	112	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V40 Training by CC fac in my discipline	Highly Preferred	26	59.1%	35	54.7%	61	56.5%
	Acceptable	13	29.5%	28	43.8%	41	38.0%
	Unacceptable	5	11.4%	1	1.6%	6	5.6%
$T Group Total		44	100.0%	64	100.0%	108	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
	Journalism	1	2.9%	0	.0%	1	1.1%
	Art	1	2.9%	2	3.6%	3	3.3%
	Computer software and graphics	0	.0%	2	3.6%	2	2.2%
	Welding	1	2.9%	0	.0%	1	1.1%
	Business - marketing	0	.0%	1	1.8%	1	1.1%
	Math	7	20.0%	9	16.4%	16	17.8%
	English	3	8.6%	4	7.3%	7	7.8%
	Psychology	1	2.9%	1	1.8%	2	2.2%
	Biology	1	2.9%	5	9.1%	6	6.7%
	Child development	1	2.9%	1	1.8%	2	2.2%
	Geology - geography	1	2.9%	0	.0%	1	1.1%
	Biology - sciences	1	2.9%	0	.0%	1	1.1%
	Chemistry	1	2.9%	0	.0%	1	1.1%
	Counseling & guidance - psychology	1	2.9%	0	.0%	1	1.1%

V40A2 Respondent's academic discipline	English - cinema	1	2.9%	0	.0%	1	1.1%
	Business - business management	1	2.9%	0	.0%	1	1.1%
	Computer training	0	.0%	1	1.8%	1	1.1%
	Spanish	0	.0%	2	3.6%	2	2.2%
	Radio - TV	0	.0%	1	1.8%	1	1.1%
	Nursing	5	14.3%	2	3.6%	7	7.8%
	English - basic skills	0	.0%	1	1.8%	1	1.1%
	Family studies	0	.0%	1	1.8%	1	1.1%
	Business computer applications	0	.0%	2	3.6%	2	2.2%
	Language	0	.0%	1	1.8%	1	1.1%
	Student services	1	2.9%	0	.0%	1	1.1%
	Health center	1	2.9%	0	.0%	1	1.1%
	Counseling	1	2.9%	1	1.8%	2	2.2%
	Music	0	.0%	1	1.8%	1	1.1%
	Political science	0	.0%	1	1.8%	1	1.1%
	Child development - psychology	0	.0%	1	1.8%	1	1.1%
	Business management	0	.0%	1	1.8%	1	1.1%
	History	0	.0%	1	1.8%	1	1.1%
	Library - political science	1	2.9%	0	.0%	1	1.1%
	Journalism - Photography	0	.0%	1	1.8%	1	1.1%
	Career planning	1	2.9%	0	.0%	1	1.1%
	Real estate	0	.0%	1	1.8%	1	1.1%
	CAD	0	.0%	1	1.8%	1	1.1%
	Philosophy	0	.0%	1	1.8%	1	1.1%
	Economics	1	2.9%	0	.0%	1	1.1%
	Physical education	1	2.9%	0	.0%	1	1.1%
	Accounting	0	.0%	1	1.8%	1	1.1%

	Humanities	1	2.9%	0	.0%	1	1.1%
	EMT	0	.0%	1	1.8%	1	1.1%
	Political Sci/History	0	.0%	1	1.8%	1	1.1%
	Law Enforcement	0	.0%	2	3.6%	2	2.2%
	Sociology	0	.0%	1	1.8%	1	1.1%
	Fire Technology	0	.0%	1	1.8%	1	1.1%
	Quality Technology	0	.0%	1	1.8%	1	1.1%
	Speech	0	.0%	1	1.8%	1	1.1%
$T Group Total		35	100.0%	55	100.0%	90	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V40A3 Program area	Biological sciences	2	6.5%	5	9.1%	7	8.1%
	Business and management	1	3.2%	6	10.9%	7	8.1%
	Communications	1	3.2%	2	3.6%	3	3.5%
	Computer and information science	0	.0%	3	5.5%	3	3.5%
	Education	1	3.2%	0	.0%	1	1.2%
	Engineering and related industrial technologies	1	3.2%	2	3.6%	3	3.5%
	Fine and applied arts	1	3.2%	3	5.5%	4	4.7%
	Foreign language	0	.0%	3	5.5%	3	3.5%
	Health	5	16.1%	2	3.6%	7	8.1%
	Consumer education and home economics	1	3.2%	3	5.5%	4	4.7%
	Humanities	4	12.9%	7	12.7%	11	12.8%
	Mathemetics	7	22.6%	9	16.4%	16	18.6%
	Physical science	2	6.5%	0	.0%	2	2.3%
	Psychology	3	9.7%	2	3.6%	5	5.8%

	Social sciences	2	6.5%	4	7.3%	6	7.0%
	Public Safety	0	.0%	4	7.3%	4	4.7%
$T Group Total		31	100.0%	55	100.0%	86	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V41 Experienced trainer w/ in-depth knowledge	Highly Preferred	32	66.7%	39	60.9%	71	63.4%
	Acceptable	14	29.2%	23	35.9%	37	33.0%
	Unacceptable	2	4.2%	2	3.1%	4	3.6%
$T Group Total		48	100.0%	64	100.0%	112	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V42 Training via web-based on-line courses	Highly Preferred	5	10.2%	21	31.8%	26	22.6%
	Acceptable	24	49.0%	25	37.9%	49	42.6%
	Unacceptable	20	40.8%	20	30.3%	40	34.8%
$T Group Total		49	100.0%	66	100.0%	115	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V43 Training via video-conferencing	Highly Preferred	5	10.9%	7	10.9%	12	10.9%
	Acceptable	16	34.8%	27	42.2%	43	39.1%
	Unacceptable	25	54.3%	30	46.9%	55	50.0%
$T Group Total		46	100.0%	64	100.0%	110	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V44 Self-paced (videotapes) to teach self	Highly Preferred	8	16.3%	25	37.3%	33	28.4%
	Acceptable	29	59.2%	29	43.3%	58	50.0%
	Unacceptable	12	24.5%	13	19.4%	25	21.6%
$T Group Total		49	100.0%	67	100.0%	116	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V45 My position challenges me to use my skills and abilities	Strongly Agree	36	80.0%	36	52.2%	72	63.2%
	Agree	9	20.0%	32	46.4%	41	36.0%
	Disagree	0	.0%	1	1.4%	1	.9%
$T Group Total		45	100.0%	69	100.0%	114	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V46 COC gives encouragement/assistance to dev my skills/abilities	Strongly Agree	19	42.2%	26	37.1%	45	39.1%
	Agree	21	46.7%	40	57.1%	61	53.0%
	Disagree	3	6.7%	4	5.7%	7	6.1%
	Strongly Disagree	2	4.4%	0	.0%	2	1.7%
$T Group Total		45	100.0%	70	100.0%	115	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V47 COC has opportunities for advancement for me	Strongly Agree	8	18.6%	13	19.1%	21	18.9%
	Agree	21	48.8%	32	47.1%	53	47.7%
	Disagree	11	25.6%	18	26.5%	29	26.1%
	Strongly Disagree	3	7.0%	5	7.4%	8	7.2%
$T Group Total		43	100.0%	68	100.0%	111	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V48 Overall, I am satisfied w/ my employment experience at COC	Strongly Agree	27	60.0%	31	44.9%	58	50.9%
	Agree	16	35.6%	37	53.6%	53	46.5%
	Disagree	1	2.2%	1	1.4%	2	1.8%
	Strongly Disagree	1	2.2%	0	.0%	1	.9%
$T Group Total		45	100.0%	69	100.0%	114	100.0%

		JOBCODE Current Employment Status				$T Group Total	
		Full-time		Part-time		Count	Col %
		Count	Col %	Count	Col %		
V49 Technlogy will enhance my effectiveness	Strongly Agree	27	61.4%	39	56.5%	66	58.4%
	Agree	15	34.1%	27	39.1%	42	37.2%
	Disagree	2	4.5%	3	4.3%	5	4.4%
$T Group Total		44	100.0%	69	100.0%	113	100.0%